PD&E Concept

Commitments

• Continue Coordination with MPO, and local agencies
• Protect Endangered Species
• Provide Noise Abatement
• Address Contamination
• Coordinate Traffic Control Plan with City of Boca Raton and FAU
ADVANTAGES
• 8-Lane Section Addresses Traffic Needs

DISADVANTAGES
• Major RW Impacts
• Major Utility Impacts
• Requires three new bridges over I-95 and CSX Railroad
• Substandard Loop Ramp Geometry
• Not Consistent with the City of Boca Raton’s Resolution 26-2014
PD&E Concept

ADVANTAGES

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DISADVANTAGES

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PD&E Concept

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PD&E Concept

ADVANTAGES

• 8-Lane Section Addresses Traffic Needs

DISADVANTAGES

• Major RW Impacts
• Major Utility Impacts
• Requires three new bridges over I-95 and CSX Railroad
• Substandard Loop Ramp Geometry
• Does Not Address Pedestrian Needs
• Opposed by the City of Boca Raton
PD&E Concept

ADVANTAGES
- 8-Lane Section Addresses Traffic Needs

DISADVANTAGES
- Major RW Impacts
- Major Utility Impacts
- Requires three new bridges over I-95 and CSX Railroad
- Substandard Loop Ramp Geometry
- Does Not Address Pedestrian Needs
- Not Consistent with the City of Boca Raton’s Resolution 26-2014
Preliminary Design Concept

1.5 Miles

Butts Road

NW 10th Avenue

Typical Section at the Bridges
Preliminary Design Concept

- Addresses Level of Service Requirements
- No Right of Way Required West of Executive Rd.
- EB Ramp to I-95
- No New Bridges Required for I-95 or CSX
- Separates I-95 Bound Traffic from Glades Road Traffic
- Consistent with Spanish River/Yamato Rd SIJR
- Consistent with the I-95 Managed Lanes
Preliminary Design Concept

- Addresses Level of Service Requirements
- No Right of Way Required West of Executive Rd.
- EB Ramp to I-95
- No New Bridges Required for I-95 or CSX
- Separates I-95 Bound Traffic from Glades Road Traffic
- Bridge over Airport Road
Preliminary Design Concept

• Addresses Level of Service Requirements
• No Right of Way Required West of Executive Rd.
• No New Bridges Required for I-95 or CSX
• Separates I-95 Bound Traffic from Glades Road Traffic
• Bridge over Airport Road
• WB Entrance Ramp to I-95
I-95 Managed Lanes Typical Section
(Underpass at Glades Road)
Airport Road Intersection
Loop Ramp Geometry

R = 219' x 239'

R = 225' x 239'
Loop Ramp Geometry

R = 239'}
Existing Bicycle & Pedestrian Ramp Treatment

- Four Bicycle and Four Pedestrian Conflict Points with Vehicles at Free-Flow Ramp Terminals on Vertical and Horizontal Curves.
Preliminary Design Concept Bicycle & Pedestrian Ramp Treatment

- No Bicycle or Pedestrian Conflict Points with Vehicles at the Free-Flow Ramp Terminals on Vertical and Horizontal Curves.
Preliminary Design Concept Bicycle & Pedestrian Ramp Treatment

- Introduces Green Bike Lanes at Decision Points
PD&E Concept

Future 2040 PD&E Build Condition
Glades Road Looking West at Airport Rd.
Glades Road Looking West at Airport Rd.
Glades Road Looking NW at Airport Rd.
SR-9/I-95 @ Glades Road
FM No. 412420-4-32-01